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NEW HAVEN  
CT. 06515  
MAR. 25 '96  
(203) 389 2067

NRC ADVISORY BOARD  
ON LOW LEVEL RADIATION

ATTENTION. LL RADIATION AND BIOLOGICAL EFFECTS  
MEETING SCHEDULED FOR MAR 26 96  
ROXANNE SUMMERS.

WE WISH TO PLACE ON RECORD OUR OBJECTION  
TO THE MAKEUP OF THE PANEL SLATED FOR  
THE NRC ADVISORY MEETING ON LOW-LEVEL  
RADIATION AND ITS BIOLOGICAL EFFECTS, SCHEDULED  
FOR MARCH 26 '96.

DR. JOHN GOFMAN AND ERNEST STERNGLASS BEING  
THE COUNTRY'S LEADING EXPERTS ON THE BIOLOGICAL  
EFFECTS OF LOW-LEVEL IONIZING RADIATION SHOULD BE  
PART OF THIS PANEL. WE URGE YOU TO CONSULT THESE  
AS WELL AS DR. ROSALIE BEETEL, ALICE STEWART  
AND ARJUN MAKHJANI.

PLEASE SEND US A FINAL REPORT ON THE  
PROCEEDINGS INCLUDING CONCLUSIONS AND  
RECOMMENDATIONS.

PETER E. MITZI S. BOWMAN  
CO-COORDINATORS, 'DON'T WASTE CONNECTICUT'

*Peter Bowman* *Mitzi S. Bowman*

My name is Rosemary Bassilakis. I live with my husband and two children in the Connecticut River Valley, one mile from the Haddam Neck (HN) nuclear reactor.

To begin I would like to say that if the NRC is truly interested in understanding the effects of long term exposure to low level radiation then the advisory committee chosen to speak to you today should include the pioneering researchers such as Dr. Alice Stewart, Dr. Stephen Wing, Dr. Goffman, Dr. Gardner and others who have shown correlations between low level radiation and adverse health effects. Further, it is my belief that nothing short of epidemiological studies (with meteorological data) of the communities in the effluent pathways of our oldest reactors should be used to determine the health effects from long term exposure to low level radiation.

In a preliminary health study of the people in the effluent pathway of the now illegally decommissioning Yankee Rowe reactor, the Citizen's Awareness Network with the professional assistance of epidemiologist Dr. Sydney Cobb found a 10 fold increase in down's syndrome, a 50% increase in 5 different cancers, a 40% increase in heart disease, and a 110% increase in infectious disease leading to mortality.

My fears of the accident scenario have been surpassed by the realization that there are no adequate health studies in this state or perhaps anywhere in this country dealing with the health of the people living in effluent pathways who have been subjected to long term exposure of low level radiation. I have been sent numerous copies of the National Institute of Health study titled "Cancer in Populations Living Near Nuclear Facilities", published in 1990. This NIH study is completely deceptive as it studies entire counties, which has the effect of diluting statistics in the effluent pathway and further it was compiled thru 1984 hereby not allowing enough time for the expression of cancers (which can take 15-20 years) that still may have been latent in 1984.

The HN reactor has been in operation for nearly 29 years systematically releasing an order of magnitude more liquid tritium than any other reactor in this country, even reactors twice its size. Air inversions occur here nearly 50% of the time keeping effluent trapped in the valley. I believe that this reactor is one of the many aging reactors that needs to be studied in an unbiased approach regardless of the adverse effects that could fall upon the nuclear industry. The NRC's job is not to prop up the nuclear industry, but to unequivocally assure public safety based on adequate scientific research.

Thank you for taking up this matter and letting me express my views.